

Fig. 1

FIG. 1 is a flowchart of a fuzzy inference system.

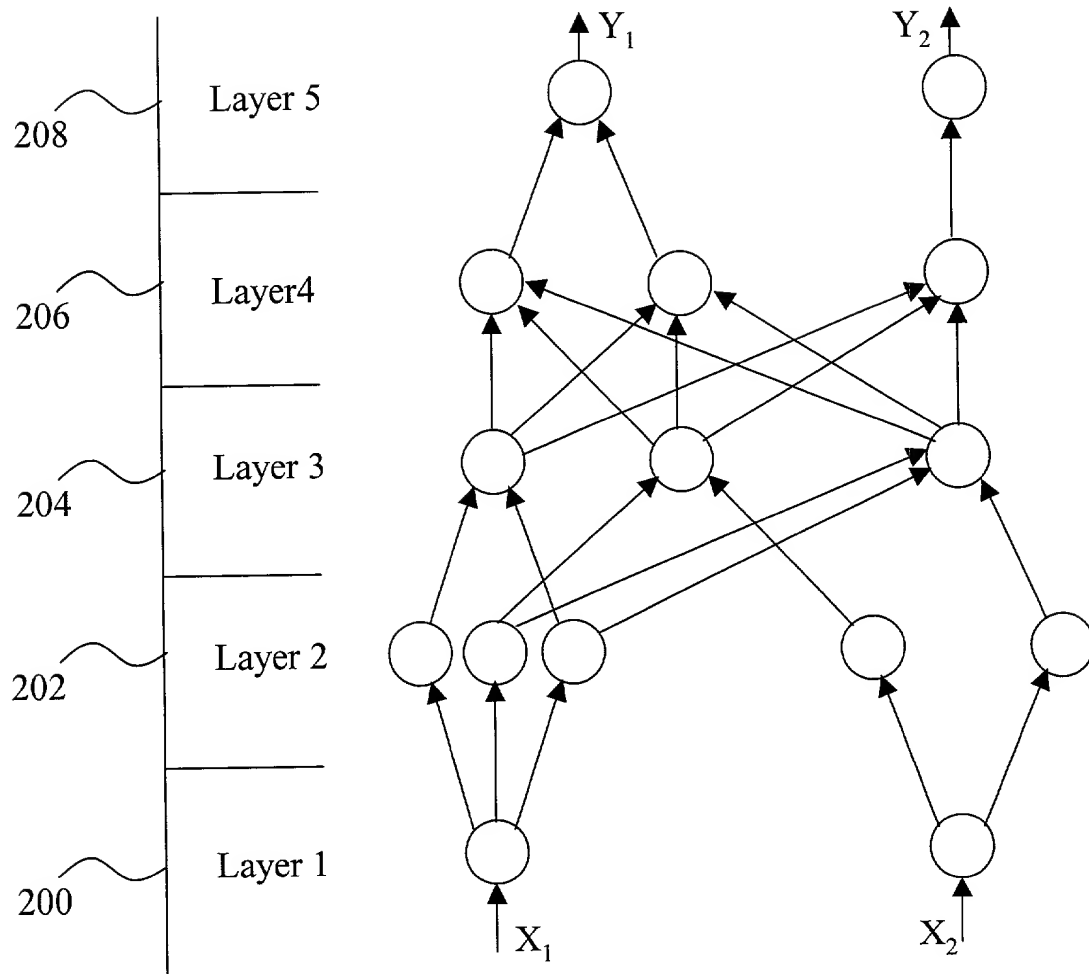


Fig. 2

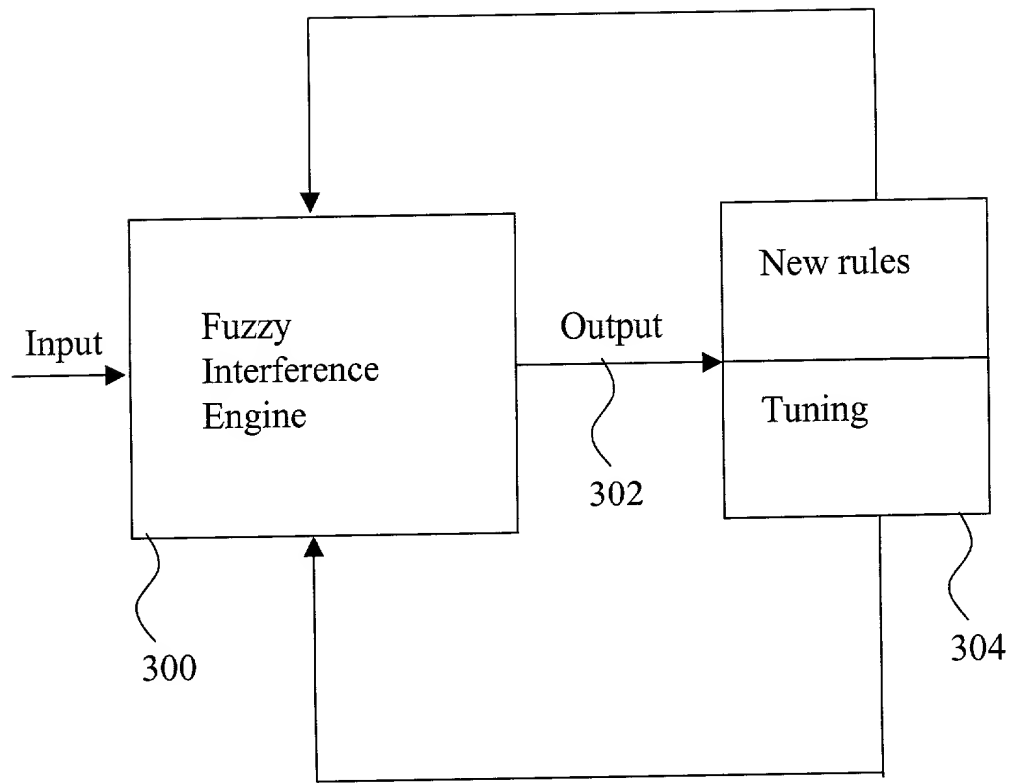


Fig. 3

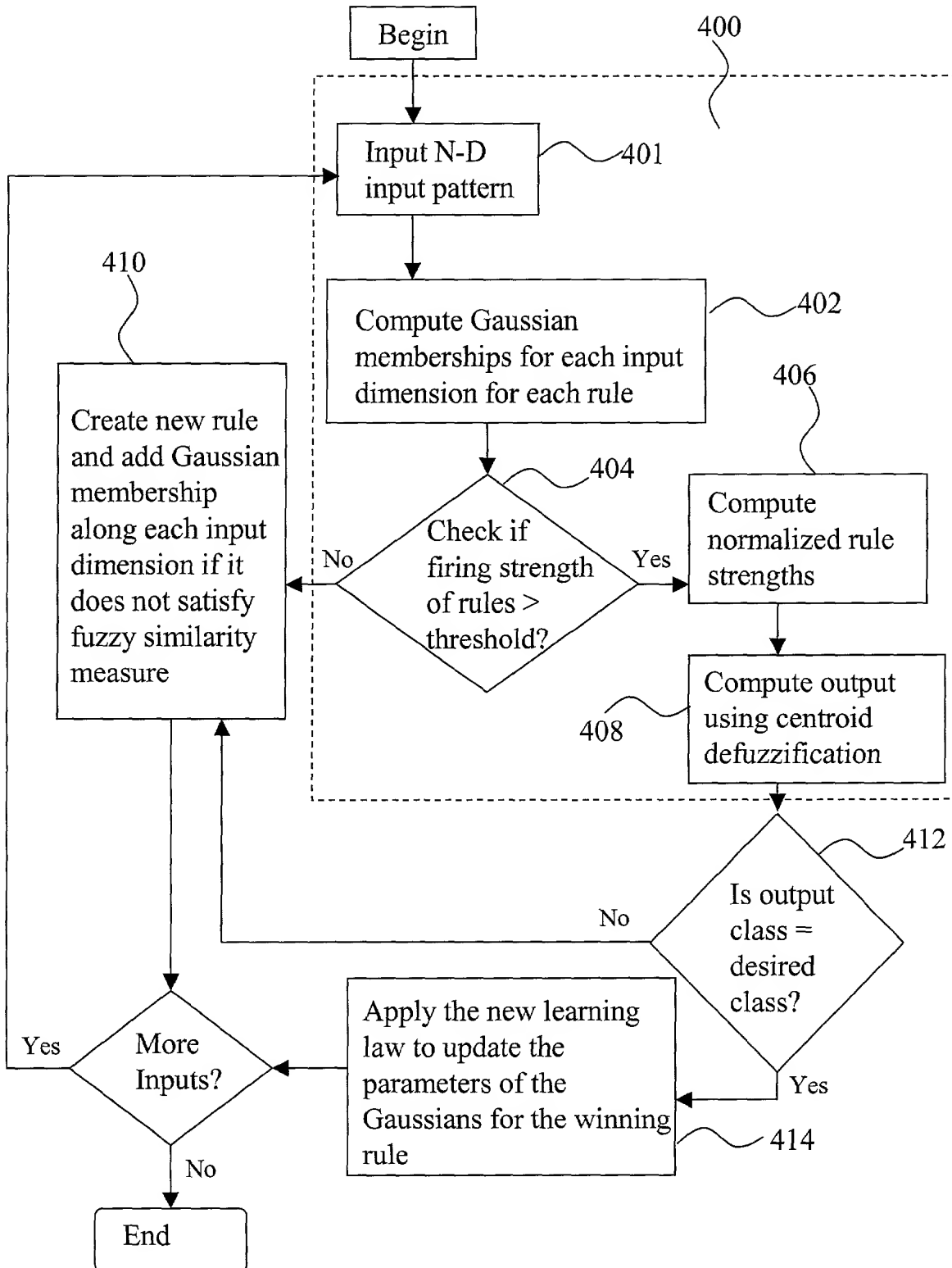


Fig. 4

Data Set	SOFIN		M-PROBART		Our Invention	
	Test set accuracy (%)	Number of Rules	Test set accuracy (%)	Number of Rules	Test set accuracy (%)	Number of Rules
1	89	57	98.1	103	97.9	28
2	79	89	96.2	172	95.5	51
3	89	102	94.1	235	94.3	70

Fig. 5